

ABSTRACT OF THE DISCLOSURE

A liquid cooling system for use in an electronic apparatus having a heat generating member includes a heat-receiving member thermally connected with the heat generating member and having a first flow passage, a heat-dissipating member to dissipate heat into an outside air atmosphere, and having a second flow passage, a tube for connecting between the first flow passage and the second flow passage, and a heat transfer device including therein a liquid circulator for circulating liquid through the first and second flow passages between the heat-receiving element and the heat-dissipating element. The liquid circulator produces a liquid circulating flow rate so that a difference between a maximum temperature and a minimum temperature of the circulating liquid at least in the first and second flow passages is not greater than a difference between an upper limit temperature of the heat generating member and an outside air temperature of the electronic apparatus.